JC20 Rec'd PCT/PTO I 1 OCT 2009

RJP:mgs 10/10/05 22-72242-01 437982.doc

EXPRESS MAIL LABEL NO. EV 629076024 US DATE OF DEPOSIT: October 11, 2005

PACHYMETER

Abstract

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A pachymeter apparatus for measuring corneal thickness is configured for the calculation of intraocular pressure ("IOP"). The apparatus includes a pachymeter for measuring corneal thickness as well as a microprocessor and a user interface. A reading of IOP from a tonometer can be entered into the device and corrected according to the pachymeter reading of corneal thickness. Correction algorithms are user selectable and user customizable. A pachymeter may have a graphical display which displays multiple locations at which measurements are to be taken. A pachymeter may use a capacitor charged by a variable current supply to measure times for signals to be reflected from a back side of a cornea.

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